



Original of #26

RECEIVED

SEP 04 2001

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re PATENT APPLICATION of
ULRICH et al.

Group Art Unit: 1631

Examiner: Allen, M.

Serial No.: 08/882,431

Filed: June 25, 1997

FOR: BACTERIAL SUPERANTIGEN VACCINES

* * * * *

RECEIVED

NOV 19 2001

TECH CENTER 1600/2900

08/30/2001 SSESHE1 00000052 210380 09882431
01 EC-115 110.00 CH

August 27, 2001
(August 25 = Saturday)

Adjustment date: 09/04/2001 SDENB081
08/30/2001 SSESHE1 00000052 210380 09882431
01 EC-115 110.00 CR

AMENDMENT

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Responsive to the Office Action dated April 25, 2001 in connection with the
above-referenced application, please enter the following amendments and consider the
following remarks.

IN THE CLAIMS:

Please cancel non-elected claims 2, 3, 7-11, 15-17, 19-20, 24-28, 32-36, 40-42.
45. 46. 50-52, 54, 55, 59-61, 63, 64, 68-70 and 100-109 without prejudice or disclaimer.

Please amend claim 1 as follows.

1. (Thrice amended) An isolated and purified superantigen toxin DNA fragment
encoding Staphylococcal enterotoxin B (SEB) in which at least one amino acid of amino
acid positions 43-53 of SEB and at least one amino acid of amino acid positions 65-75,
87-97 and 103-113 of SEB have been altered such that binding of said encoded SEB to
the MHC class II receptor and T cell antigen receptor is altered.

08/04/2001 SDENB081 00000001 210380 00062431
01 EC-115 110.00 CH

RECEIVED
SEP - 6 2001
TECHNOLOGY CENTER 2800